

ABSTRACT

An electric machine construction and a method for the same includes a Stator space defined by a shell and end portion at both ends of the shell. A Stator and a rotor of the electric machine are disposed within the Stator space. Cooling medium is arranged to be conducted into the Stator space defined by the shell and the end portions through at least one opening in the shell. The machine further includes a suction unit for conducting the cooling medium by suction into the Stator space.